

CLAIMS

1 **1.** An optical fiber coiled cord, comprising:
2 an optical fiber cord spirally bent for having a coil shape
3 for being longitudinally stretchable; and
4 a stretch length control member for limiting a longitudinal
5 elongation.

1 **2.** The optical fiber coiled cord according to claim 1,
2 further comprising:
3 optical fiber connectors respectively attached to two ends
4 of the optical fiber coiled cord to connect the stretch length
5 control member to both the connectors so that the distance between
6 both the connectors is not more than a constant distance.

1 **3.** The optical fiber coiled cord according to claim 1 or
2, wherein:
3 the stretch length control member comprises an elastic
4 member; and a length-regulating member for being elongated in
5 response to a stretching of the elastic member while regulating
6 an elongation of the elastic member to a specified length.

1 **4.** The optical fiber coiled cord according to any one of
2 claims 1 to 3, wherein:
3 the stretch length control member is inserted through
4 inside the spiral of the spiral coiled cord.

1 **5.** The optical fiber coiled cord according to any one of
2 claims 1 to 4, wherein:
3 the optical fiber cord comprises a built-in Holey optical
4 fiber having a plurality of air holes around a core.